**Census on wildlife of various animals**

3275. SHRI RAJEEV CHANDRASEKHAR: Will the PRIME MINISTER be pleased to state:

whether a census on wildlife of various animals has recently been taken; and

if so, the details thereof, indicating the assets and the date on which census was conducted in each case?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI S. REGUPATHY): (a) and (b) The All India Estimation of Tiger, co-predators and its prey was carried out during 2005-08 in the tiger range states of the country using a modified and refined methodology. The details are at Statement-I *(See* below).

Similarly, the all India enumeration of wild population of elephants in the country, excluding North Eastern States, was carried out in 2007. The details are at Statement-II.

***Statement-I***

*Forest occupancy of Tigers, Co-Predators, Prey and population estimates of tigers in the country during* 2005-08

| State | Tiger km' | Leopard km' | Dhole km' | | .Chital km' | Sainbar km' km' | Wild Pig | Nilgai km' | Tiger Numbers No. limit | Lower limit | Upper |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Shivalik-Gangetic Plain Landscape Complex | | | | | | | | | | | |
| | 1901 | 3683 | — | 853 | 2161 | 2756 | 3214 | 422 | 178 | 161 | 195 |
| | 2766 | 2936 | 190 | 3130 | 5537 | 2641 | 7761 | 8375 | 109 | 91 | 127 |
| | 510 | 552 | 323 | 532 | 576 | 321 | 570 | 494 | 10 | 7 | 13 |
| | 5177 | 7171 | 513 | 4515 | 8274 | 5718 | 11545 | 9291 | 297 | 259 | 335 |
| Uttarakhand | | | | | | | | | | | |
| Uttar Pradesh | | | | | | | | | | | |
| Bihar | | | | | | | | | | 84 | 107 |
| Shivalik-Gangetic | | | | | | | | | | | |
| Central Indian Landscape Complex and Eastern Ghats Landscape Complex | | | | | | | | | | | |
| Andhra Pradesh | 14126 | 37609 | 41093 | 54673 | 37814 | 33159 | 58336 | 26526 | 95 | | |
| Chhattisgarh | 3609 | 14939 | 3794 | 20951 | 18540 | 7604 | 25058 | 9250 | 26 | 23 | 28 |
| Madhya | 15614 | 34736 | 28508 | 40959 | 41509 | 33551 | 59903 | 341704 | 300 | 236 | 364 |
| Maharashtra | 4273 | 4982 | 4352 | 6557 | 5970 | 5730 | 7370 | 4754 | 103 | 76 | 131 |
| Orissa | 9144 | 25516 | 8215 | 43236 | 6040 | 6112 | 21525 | 711 | 45 | 37 | 53 |
| Rajas than | 356 | — | — | — | — | — | — | — | 32 | 30 | 35 |
| Jharkhand" | 1488 | 131 | — | 2640 | 721 | 721 | 6226 | 1108 | Not Assessed | | |
| Central Indian | 48610 | 131 | 85962 | 2640 | 721 | 721 | 6226 | 1108 | 601 | 936 | 718 |
| Western Ghats Landscape Compl | | | ex | | | | | | | | |
| Karnataka | 18715 | 20506 | 15862 | 20749 | 42349 | 43412 | 21999 | — | 290 | 241 | 339 |
| Kerala | 6168 | 8363 | 10801 | 6904 | 2931 | 10469 | 8809 | — | 46 | 39 | 53 |
| Tamil Nadu | 9211 | 14484 | 19658 | 13224 | 13567 | 15909 | 19768 | 2505 | 76 | 56 | 95 |
| Western Ghats | 34094 | 43353 | 46321 | 40877 | 58847 | 69790 | 50576 | 2505 | 402 | *136* | 487 |
| North-East Hills and Brahmaputra Flood Plains | | | | | | | | | | | |
| Assam* | 1164 | 1500 | 285 | 380 | — | 270 | 2047 | — | 70 | 60 | 80 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | **11** | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arunachal Pradesh* | 1685 | 670 | 675 | 199 | — | 353 | 412 | _ | 14 | 12 | 18 |
| Mizoram* | 785 | 2324 | 776 | 479 | — | 1700 | 1489 | — | 6 | 4 | 8 |
| Northern West Bengal* | 596 | 1135 | 301 | — | 280 | 309 | 491 | — | 10 | 8 | 12 |
| North East Hills, and Brahmaputra | 4230 | 5629 | 2037 | 1058 | 280 | 2632 | 4439 | — | 100 | 84 | 118 |
| Sunderbans | 1586 | — | — | — | 1184 | — | 1591 | — | Not Assessed | | |
| Total Tiger Population | | | | | | | | | 1411 | 1165 | 1657 |

* Population estimates are based on possible density of tiger occupied landscape in the area, not assessed by double sampling.

** Data was not amenable to population estimation of tiger. However, available information about the landscape indicates low densities of tiger in the area ranging from 0.5 to 1.5 per 100 $km^2$.

***Statement-II***

*Estimated population of wild elephants in the country during* 2007

| State | Estimated Elephant population (2007) |
|---|---|
| Andhra Pradesh | 28 |
| Chhattisgarh | 122 |
| Jharkhand | 624 |
| Karnataka | 4035 |
| Kerala | 6068 |
| Maharashtra | 6 |
| Orissa | 1862 |
| Tamil Nadu | 3867 |
| Uttarakhand | 1346 |
| Uttar Pradesh | 380 |
| West Bengal | 325-375 |
| TOTAL: | 18663-18713 |

**Melting of Antarctica glaciers**

3276. SHRI RAJKUMAR DHOOT: Will the PRIME MINISTER be pleased to state:

whether it is a fact that Antarctica glaciers are melting at an alarming speed which may increase the water level of sea in coastal areas endangering life and property;

if so, details thereof; and

the precautionary steps that have been initiated to overcome and prevent the situation?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) and (b) As per NASA satellite data, the areas of